AUTODOC CLUB

How to change left engine mounts on **Mercedes W211** – replacement guide

VIDEO TUTORIAL



Important!

This replacement procedure can be used for:
MERCEDES-BENZ E-Class T-modell (S211) E 220 T CDI, MERCEDES-BENZ E-Class Saloon (W211) E 220 CDI, MERCEDES-BENZ E-Class Saloon (W211) E 500 (211.070), MERCEDES-BENZ E-Class Saloon (W211) E 220 CDI (211.006), MERCEDES-BENZ E-Class Saloon (W211) E 270 CDI (211.016), MERCEDES-BENZ C-Class Saloon (W203) C 30 CDI AMG (203.018), MERCEDES-BENZ C-Class T-modell (S203) C 30 CDI AMG (203.218), MERCEDES-BENZ C-Class Coupe (CL203) C 30 CDI AMG (203.718), MERCEDES-BENZ E-Class Saloon (W211) E 320 CDI (211.026), MERCEDES-BENZ E-Class T-modell (S211) E 270 T CDI (211.216), MERCEDES-BENZ E-Class T-modell (S211) E 320 T CDI (211.226), MERCEDES-BENZ E-Class T-modell (S211) E 500 T (211.270), MERCEDES-BENZ E-Class Saloon (W211) E 280 CDI (211.023), MERCEDES-BENZ E-Class T-modell (S211) E 280 T CDI (211.223), MERCEDES-BENZ E-Class Saloon (W211) E 280 CDI (211.020), (+ 13)

The steps may slightly vary depending on the car design.

REPLACEMENT: ENGINE MOUNTS – MERCEDES W211. TOOLS YOU MIGHT NEED:



- Wire brush
- WD-40 spray
- Copper grease
- Torque wrench
- Drive socket # 10
- Drive socket # 16
- Ratchet wrench
- Hydraulic transmission jack
- Fender cover

BUY TOOLS

Replacement: engine mounts – Mercedes W211. AUTODOC experts recommend:

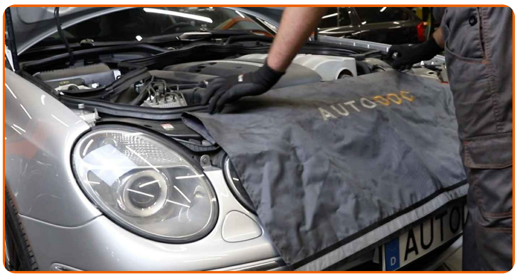
- All work should be done with the engine stopped.

REPLACEMENT: ENGINE MOUNTS – MERCEDES W211. USE THE FOLLOWING PROCEDURE:

1 Open the bonnet.



2 Use a fender protection cover to prevent damaging paintwork and plastic parts of the car.



3 Clean the engine mount fasteners. Use a wire brush. Use WD-40 spray.



4

Unscrew the upper fastener of the engine mount. Use a drive socket #16. Use a ratchet wrench.



5

Remove the fastening bolt.



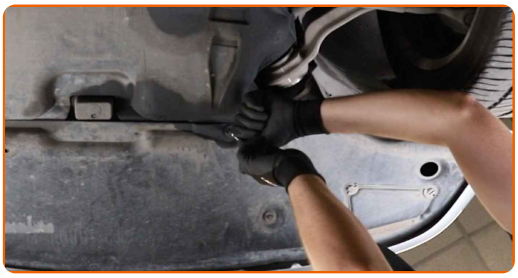
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Lift the car using a jack or place it over an inspection pit.



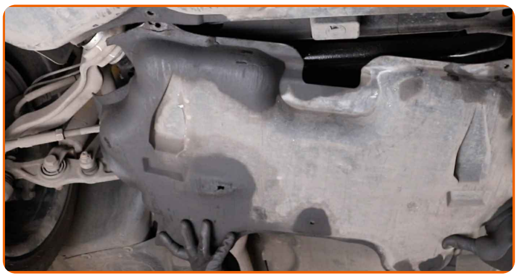
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Undo the fasteners of the oil pan lower cover. Use a drive socket #10. Use a ratchet wrench.

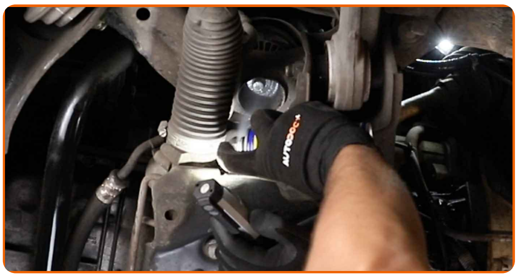


8

Remove the oil pan cover.



9 Clean the engine mount fasteners. Use a wire brush. Use WD-40 spray.



10 Unscrew the lower fastener of the engine mount. Use a drive socket #16. Use a ratchet wrench.



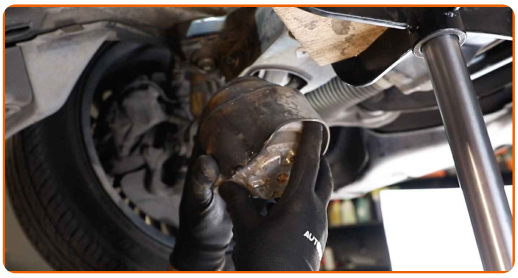
11 Remove the fastening bolt.



12 Support the engine in the oil pan area. Use a hydraulic transmission jack.



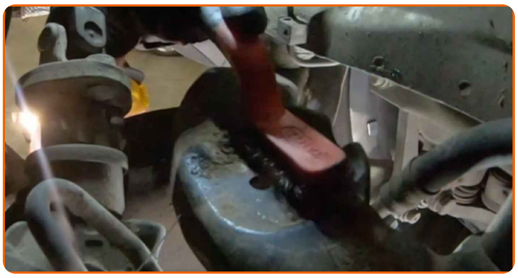
13 Remove the engine mount.



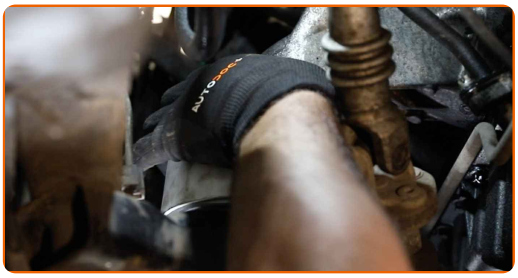
Replacement: engine mounts – Mercedes W211. Tip from AUTODOC experts:

- Carefully check the other engine mounts and replace them if necessary.

14 Clean the mounting seat of the engine mount. Use a wire brush. Use WD-40 spray.



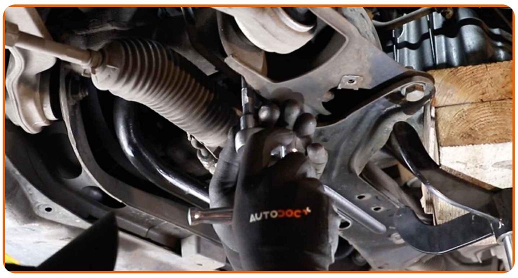
15 Install the engine mount to its mounting seat.



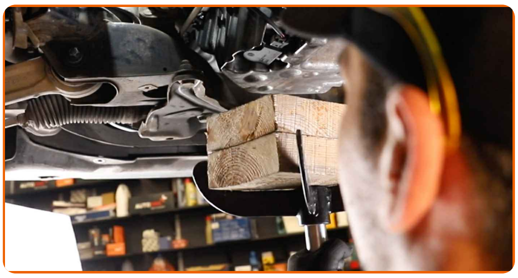
16 Install the fastening bolt.



17 Screw in the lower fastener of the engine mount. Use a drive socket #16. Use a ratchet wrench.



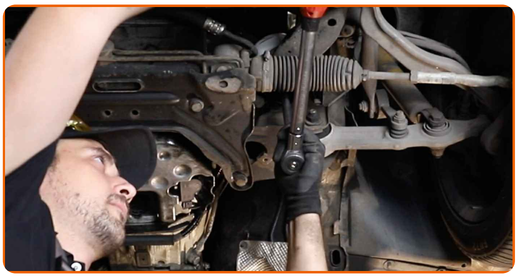
18 Remove the hydraulic transmission jack.



AUTODOC recommends:

- Replacement: engine mounts – Mercedes W211. Lower the transmission jack smoothly, without jerks, to avoid damaging components and mechanisms.

19 Tighten the lower fastener of the engine mount. Use a drive socket #16. Use a torque wrench. Tighten it to 50 Nm torque.



20 Install the fastening bolt.

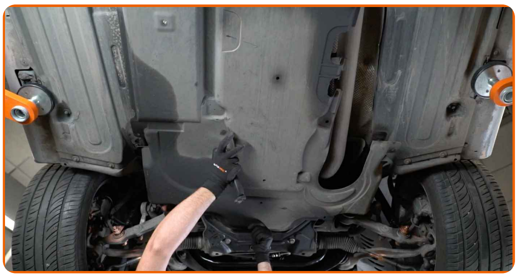


21 Screw in the upper fastener of the engine mount. Use a drive socket #16. Use a ratchet wrench.

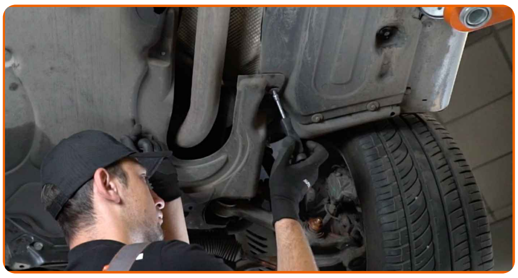


22 Tighten the upper fastener of the engine mount. Use a drive socket #16. Use a torque wrench. Tighten it to 50 Nm torque.

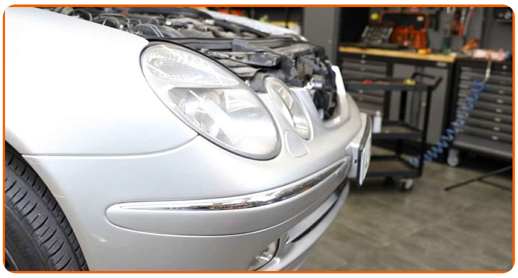
23 Reinstall the oil pan lower cover.



24 Tighten the fasteners of the oil pan lower cover. Use a drive socket #10. Use a ratchet wrench.



25 Lower the car.



26 Remove the fender protection cover.



27 Close the hood.

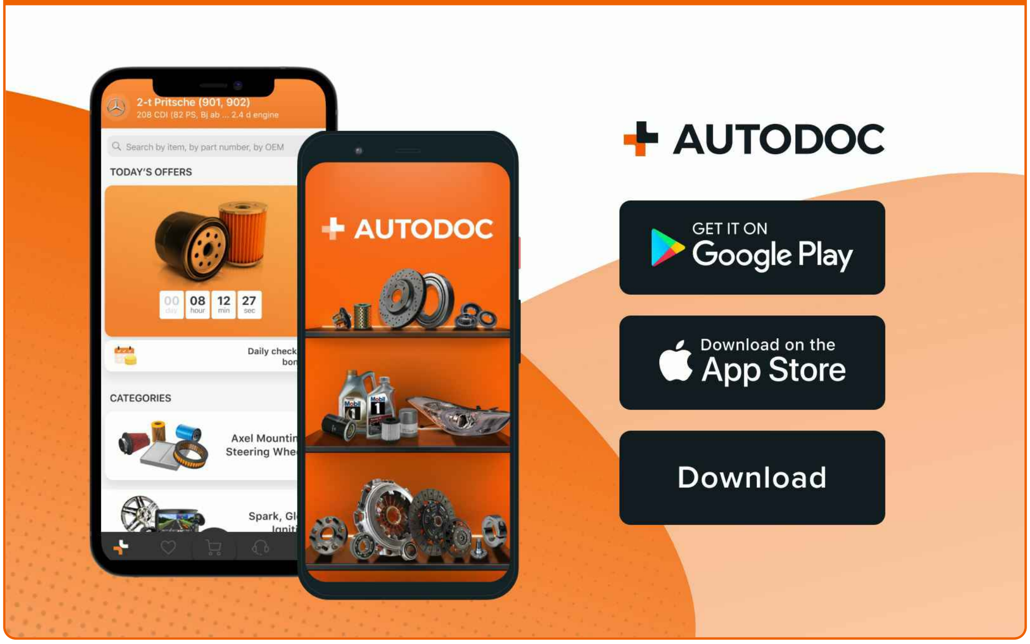


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